

CLAIMS

1. A wood wall construction made from wooden beams, wherein wooden beams are superposed or juxtaposed and assembled using screws, which are screwed from an upper or a lower side of two wooden beams into a mutual attachment area bridging the two wooden beams and which extend only over a part of a height or thickness of each of the wooden beams, characterized in that the wooden beams (1) are connected to one another by the screws (2) which are provided with threaded sections (3, 4) at least at both end sections thereof, with the screws being screwed-in without pre-drilling and which engage only immediately adjacent to a mutual attachment area (5) of the two wooden beams (1), with a length (C) of the screws (2) being smaller than a height (B) of one of the wooden beams (1).
2. A wood wall construction according to claim 1, characterized in that the screws (2) extend approximately equally far into the adjacent contacting wooden beams (1) on both sides of the mutual attachment area (5).
3. A wood wall construction according to claims 1 or 2, characterized in that at least two screws (2) are screwed into the mutual attachment area (5) of the two wooden beams (1) which are spaced apart from one another and aligned almost parallel to one another.
4. A wood wall construction according to one of claims 1 through 3, characterized in that the screws (2) are provided with a thread over an entire length of a shaft thereof.
5. A wood wall construction according to one of claims 1 through 4, characterized in that the screws (2) are provided with an interior tool grip (6) at one end thereof, with a diameter of a section of the screws (2) surrounding

the interior tool grip (6) being approximately equal in size or slightly larger than an outside diameter of the thread.

6. A wood wall construction according to one of claims 1 through 5, characterized in that the screws (2) are located at edge regions of a strip-shaped sealing material arranged or inserted between the wooden beams (1) in the mutual attachment area (5).
7. A wood wall construction according to one of claims 1 through 6, characterized in that the screws (2) are screwed-in perpendicularly in reference to a longitudinal extension of the wooden beams (1).
8. A wood wall construction according to one of claims 1 through 6, characterized in that the screws (2) are screwed-in at an acute angle in reference to a longitudinal extension of the wooden beams (1).
9. A wood wall construction according to one of claims 1 through 6, characterized in that the screws (2) are screwed-in both perpendicular as well as at an acute angle in reference to a longitudinal extension of the wooden beams (1).
10. A wood wall construction according to claim 9, characterized in that the screws are screwed in subsequently alternating positions.
11. A wood wall construction according to one of claims 1 through 6 and 9, characterized in that the screws (2) are each screwed-in in pairs that cross one another at an acute angle in reference to one another and perpendicular to the longitudinal extension of the wooden beams (1).